

**Amendments to the Claims:** This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims**

1. (Original) A cartilage cell culture medium comprising a basic medium suitable for culturing primary human cells and, additionally, 0.5 to 50.0 ng/ml of EGF, 0.5 to 50.0 ng/ml of FGF, 0.1 to 10.0 ng/ml of PDGF, 0.5 to 50.0 ng/ml of IGF, 1.0 to 100.0 ng/ml of dexamethasone, and 0.1 to 10.0 mM of glutamine.
2. (Original) A cartilage cell culture medium according to claim 1 comprising 5.0 to 20.0 ng/ml of EGF, 5.0 to 20.0 ng/ml of FGF, 1.0 to 6.0 ng/ml of PDGF, 5.0 to 20.0 ng/ml of IGF, 10.0 to 60.0 ng/ml of dexamethasone, and 1.0 to 6.0 mM of glutamine.
3. (Original) A cartilage cell culture medium according to claim 1 comprising 10.0 ng/ml of EGF, 10.0 ng/ml of FGF, 3.0 ng/ml of PDGF, 10.0 ng/ml of IGF, 40.0 ng/ml of dexamethasone, and 4.0 mM of glutamine.
4. (Currently Amended) A cartilage cell culture medium ~~according to any of the previous claims as in claim 1,~~ additionally comprising up to 15% (w/v) of human serum.
- 5.-10. (Cancelled)
11. (New) A cartilage cell culture medium as in claim 2, additionally comprising up to 15% (w/v) of human serum.
12. (New) A cartilage cell culture medium as in claim 3, additionally comprising up to 15% (w/v) of human serum.
13. (New) A cartilage cell culture medium as in claim 1, additionally comprising 3 to 5% (w/v) of human serum.
14. (New) A cartilage cell culture medium as in claim 2, additionally comprising 3 to 5% (w/v) of human serum.
15. (New) A cartilage cell culture medium as in claims 3, additionally comprising 3 to 5% (w/v) of human serum.
16. (New) A cartilage cell culture medium according to claim 1, wherein the basic medium is selected from the group consisting of Eagle's MEM, DMEM, RPMI, MEM and OptiPro®.

17. (New) A cartilage cell culture medium according to claim 2, wherein the basic medium is selected from the group consisting of Eagle's MEM, DMEM, RPMI, MEM and OptiPro®.

18. (New) A cartilage cell culture medium according to claim 3, wherein the basic medium is selected from the group consisting of Eagle's MEM, DMEM, RPMI, MEM and OptiPro®.

19. (New) A cartilage cell culture medium as in claim 16, additionally comprising up to 15% (w/v) of human serum.

20. (New) A cartilage cell culture medium as in claim 17, additionally comprising up to 15% (w/v) of human serum.

21. (New) A cartilage cell culture medium as in claim 18, additionally comprising up to 15% (w/v) of human serum.

22. (New) A method of culturing cartilage cells obtained from tissue biopsies of a human donor comprising the step of growing said cartilage cells in a cartilage cell culture medium comprising a basic medium suitable for culturing primary human cells and, additionally, 0.5 to 50.ng/ml of EGF, 0.5 to 50.0 ng/ml of FGF, 0.1 to 10.0 ng/ml of PDGF, 0.5 to 50.0 ng/ml of IGF, 1.0 to 100.0 ng/ml of dexamethasone, and 0.1 to 10.0 mM of glutamine.

23. (New) The method of claim 22, wherein said cartilage cells are obtained from tissues biopsies performed on the patient in whom said cartilage cells are intended to be reimplanted.

24. (New) The method of claim 22, wherein the cartilage cell count in said medium is determined for implantation into a human being.

25. (New) The method of claim 22, wherein said cartilage cells are implanted into a human being.

26. (New) The method of claim 23, wherein the cartilage cell count in said medium is determined for reimplantation into a human being.

27. (New) The method of claim 23, wherein said cartilage cells are reimplanted into a human being.

28. (New) A cartilage cell suspension in a medium as claimed in claim 1.